

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

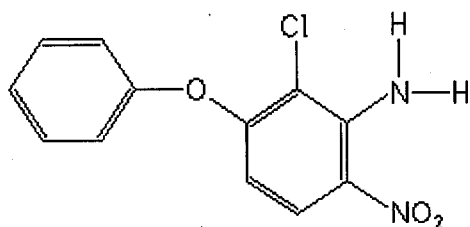
Analyte: Aclonifen

CAS No.: 74070-46-5

Formula: C₁₂H₉ClN₂O₃

Molecular mass (lowest isotopes): 264,03 amu

Structure:



Ionisation: ESI +

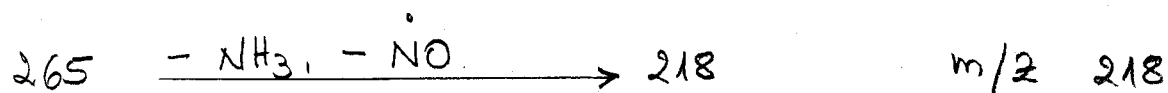
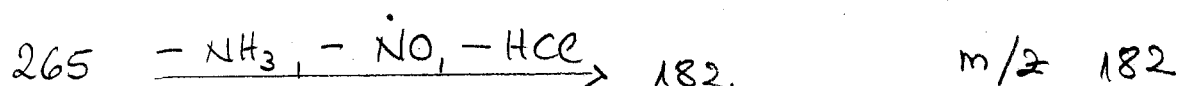
Quasimolecular ion: 265,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	265,0 → 182,1	265,0 → 218,0
Declustering potential (DP) ^{*)}	56V	56 V
Focusing potential (FP)	350 V	360 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	18 V	16 V
Collision energy (CE)	39 V	33 V
Collision cell exit potential (CXP)	10 V	10 V

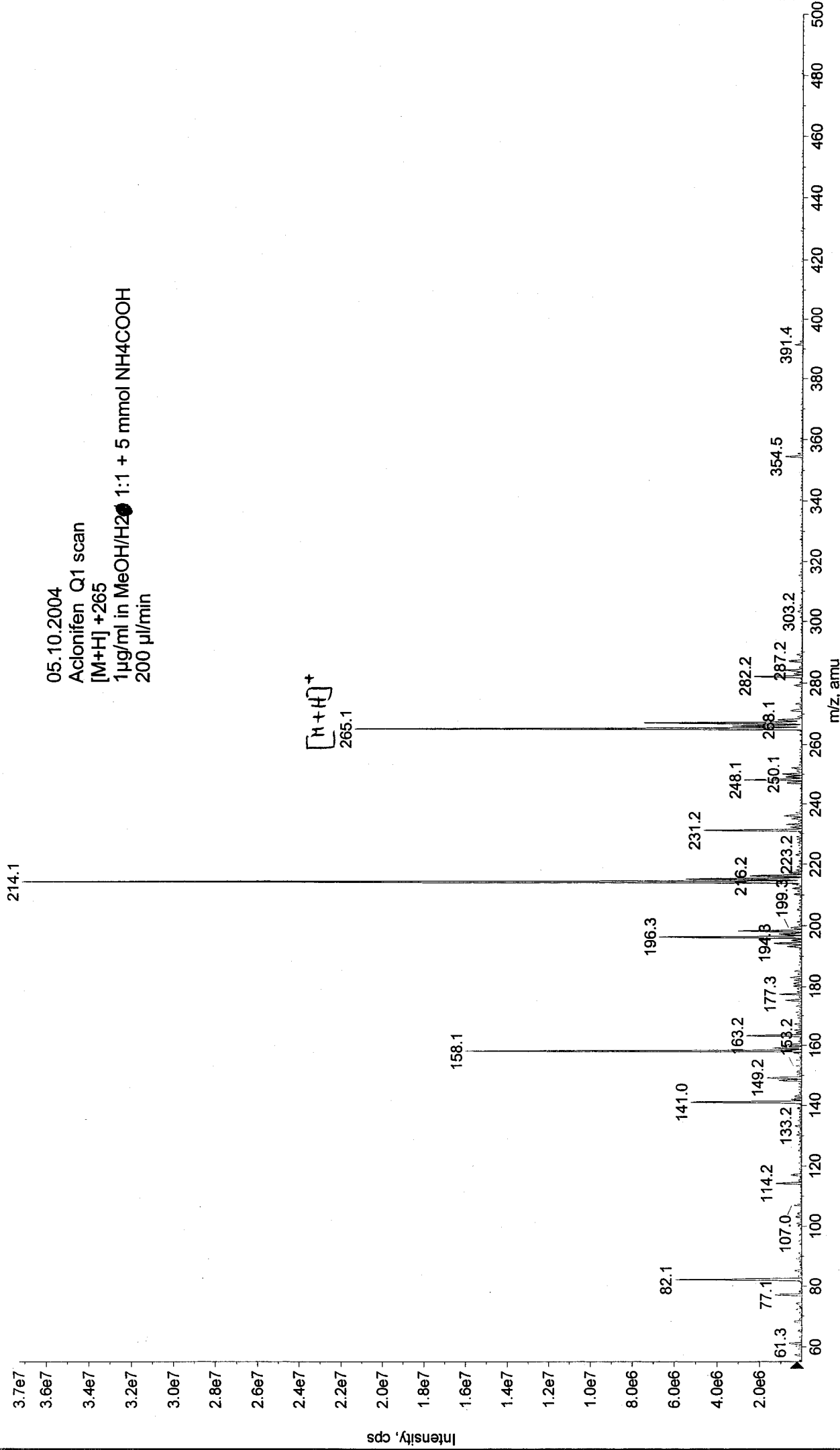
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



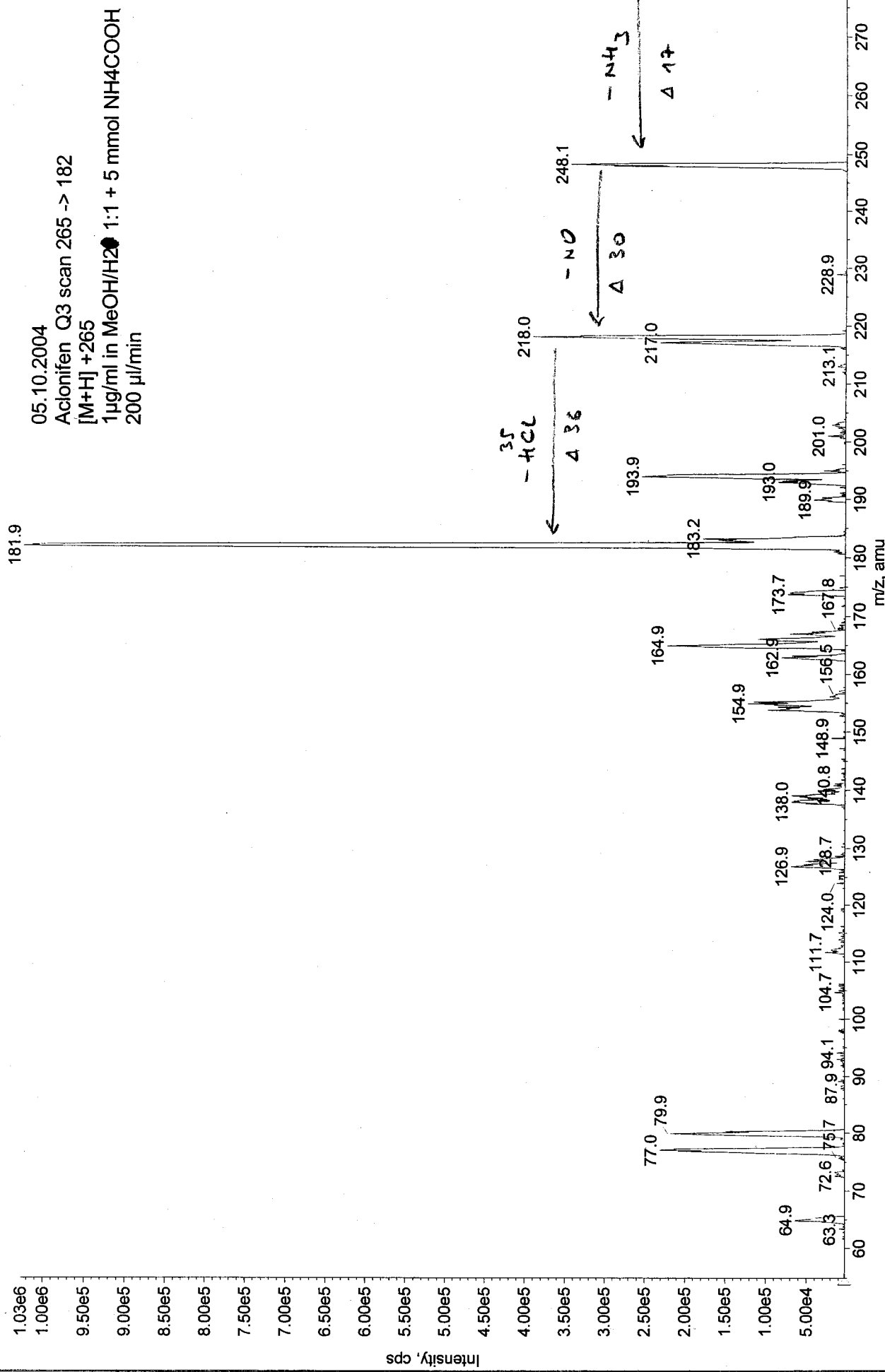
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20041005140602.wiff (Turbo Spray)

Max. 3.7e7 cps

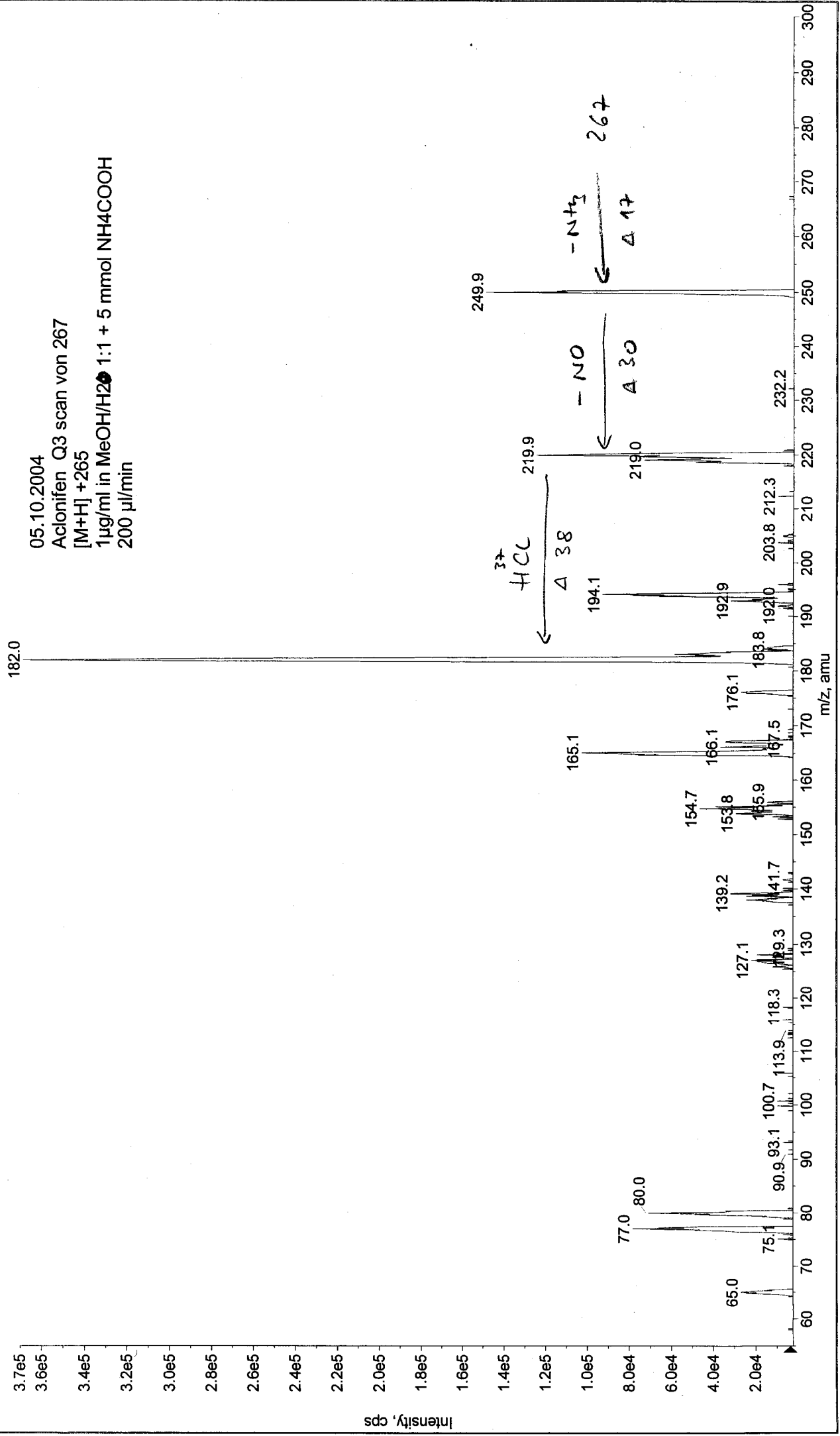


+MS2 (265.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041005140746.wiff (Turbo Spray)

Max. 1.0e6 cps



+MS2 (267.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041005140938.wiff (Turbo Spray)



+MS2 (265.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041005141615.wiff (Turbo Spray)

